

RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97489

Author : Arsenescu, Gh.; Voiculescu, A. ; Constantiniu, I.;
Ionescu, V.; Teodorini, S.; Mustata, N.

Inst : Not given

Title : Investigation of Effect of Certain Substances on
Heart Muscle Through Study of Normal Electrocardio-
gram Changes of Frogs Heart in Situ Induced by
Application of Substances on the Heart Apex

Orig Pub: Studii si cercetari fiziol. Acad. RPR, 1957, 2,
No. 3-4, 373-405

Abstract: Changes of electrogram and monophasic current of
action of frogs heart in anode and cathode polari-

Card 1/3

RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97489

zation, as well as in local application or intravenous introduction of a number of substances in various doses are described. According to the changes, in the monophasic current of action, induced by them, acetylcholine, veratrine, K, monidoacetic acid and preparation 883 F may be regarded in usual doses as substances with catelectrotonic action, and adrenaline, O₂, novocaine, strychnine, strophanthin, and Ca may be regarded as substances with anelectrotonic type of action. The authors point out that catelectrotonic and anelectrotonic substances induce changes of electrogram which bring it, according to pattern, near to monophasic current of action. Transition phases from the normal electrogram to the monophasic are specific for catelectrotonic or

Card 2/3

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RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97+89

anelectrotonic action of various substances. Described experiments are evidence in favor of vector interpretation of unipolar electrogram (departing from the apex or basis cardii) and points out that the electrocardiographic method utilized by the authors may be useful by study of action of various substances on heart muscle. --From author's resume.

Card 3/3

CONSTANTINIU

COUNTRY : ROMANIA V
 CATEGORY : Pharmacology and Toxicology. Cardiovascular Agents
 ABS. JOUR. : RZhBiol., No. 5 1959, No. 23168
 AUTHOR : Arsenescu, Gh.; Zamfirescu, N.; Constantiniu,*
 INST. : -
 TITLE : Study of the Action of Strophanthin upon the Phenomenon of Muscular Fatigue
 ORIG. PUB. : Fiziol. norm. si pathol., 1957, 4, No 4, 356-365
 ABSTRACT : The action of the intravenous introduction of 0.25 mg of strophanthin (S) upon the electro-myogram and mechanogram of the flexor muscles of the dactyli in voluntary rhythmical lifting of a load (2 kg) one hour prior to, and $\frac{1}{4}$ hour after administration of S, was studied. S increased the mechanical work by approximately two times. In experiments on a frog, it was found that S removes

*I.; Teodorini, S.; Ionescu, V.; Felberg, B.

Card:

1/2

CG

Constantiniu, I.

ROMANIA

CONSTANTINIU, I., MD; PREDA, Elena, MD; METU, Florica, MD.

Endocrinological Section of State Hospital No 9, "Prof. Gh. Marinescu" (Serviciul de Endocrinologie al Spitalului de Stat No 9, "Prof. Gh. Marinescu"), Bucharest - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 63, pp 191-195.

"Intravenous Use of Corticotropine (ACTH) in Determining the Functional Reserve of the Cortico-superrenal. (Resistance to corticotropin. Accidents produced by corticotropin.)"

(3)

CONSTANTINIU, I.; ANGHELUTA, V.; MEIU, Florica

Pillary virilism of neuropsychogenic origin (hypothalamic).
Stud. cercet. endocr. 15 no.4: 357-359 '64.

CONSTANTINU, I., dr.

Research concerning the variations of the Q-T interval and hemodynamic factors in uncomplicated hyperthyroidism. Med. intern. (Bucur.) 16 no.11:1343-1345 N '64

1. Lucrare efectuata in Sectia de endocrinologie a Spitalului "Prof. Gh. Marinescu", Bucuresti.

CONSTANTINIU, I.; HORVATH, I.; MARINESCU, V.

Evolution of a case of malignant exophthalmos treated by section-
ing of the pituitary stalk. Stud. cercet. endocr. 16 no.1:71-74
'65.

CONSTANTINOF, Dezideriu
SURNAME, Given Names

Country: Rumania

Academic Degrees: Geologist;-Geolog-

Affiliation: Geological Committee (Comitetul Geologic).

Source: Bucharest, Stiinta si Tehnica, No 8, Aug 1961, pp 24-25.

Data: "Methods of Investigating Iron Deposits."

670 981643

CARPINISAN, C., prof.; CONSTANTINOPOL, Th., dr.; ALEXIU, Gh., dr.;
KERCEA, V., dr.; SCHREIBER, E., dr.

Secondary pulmonary aspergilloma. Med. intern., Bucur 12 no.10:
1523-1530 0 '60.

1. Lucrare efectuata la Spitalul de tuberculoza Filaret (director:
prof. C.Carpinisan).
(LUNG DISEASES case reports) (ASPERGILLOSIS case reports)

~~CONSTANTINOV, H.~~

Ocular trauma in children. Khirurgia, Sofia 11 no.9:849-854 1958.

1. Institut za spetsializatsia i usuvurshenstvuvane na lekarite --
Sofia ochna klinika. Direktor: dots. Iv. Vanilev.

(EYE, wds. & inj.
in child. (Bul))

Card 1/2

L 57094-65

ACCESSION NR: AP5015802

500C the alloy has 106.6 kg/cm² strength, 10.0% elongation, and 45.8% reduction of area. Aging at 500C for up to 25 hr has little or no effect on strength or mechanical properties. At 550-600C, however, the β -phase which decreases strength and increases ductility. Orig. art. has: 2 figures and 1 table. (ND)

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 000

ATD PRESS: 4033

VELICAN, Doina; CONSTANTINOVICI, A.; RUNCAN, V.; VELICAN, C.

Morphopathology and histochemistry of the lymphatic glands of the hilus hepatis in chronic forms of epidemic hepatitis. Stud. cercet. med. intern. 3 no.6:755-760 '62.

(HEPATITIS, INFECTIOUS) (LYMPH NODES) (NUCLEOPROTEINS)
(MUCOPOLYSACCHARIDES)

PAPPO, A.; OLARU, Cornelia; MAXIMILLIAN, Stefania; CONSTANTINOVICI, A.

Quantitative biliary sediment. Stud. cercet. med. intern. 2 no.1:
85-90 '61.

(BILE) (CYTOLOGY)

VELICAN, Donina; RUNCAN, V.; CONSTANTINOVICI, A.

Biology of the process of sclerosis. V. Studies of chronic forms of epidemic hepatitis. Stud. cercet. med. intern. 2 no.4:561-569 '61.

(HEPATITIS, INFECTIOUS complications)
(LIVER CIRRHOSIS etiology) (GLYCOPROTEINS chemistry)
(MUCOPOLYSACCHARIDES chemistry) (LIVER chemistry)

CONSTANTINOVITS, Milan.; ANNAU, Ella.

Terramycin in the treatment of trachoma. Szemeszet 91 no.3:102-106
Aug 54

1. A budapesti Orvostudományi Egyetem I. sz. Szemklinikaának
közleménye (Igazgató: Radnot Magda egyetemi tanár, az
orvostudományok doktora)

(TRACHOMA, therapy,
oxytetracycline)

(OXYTETRACYCLINE, therapeutic use,
trachoma)

CONSTANTINOVIITS, Milan, dr.

Cortisone therapy of trachoma. Orv. hetil. 95 no.38:1039-1041
19 Sept 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Szemklinika-jának
(igazgató: Radnot, Magda egyet. tanár, sz. orvostudományok doktora)
közleménye.

(TRACHOMA, ther.

cortisone)

(CORTISONE, ther. use
trachoma)

CONSTANTINOVITS, M.I.

EXCERPTA MEDICA Sec.12 Vol.11/3 Ophthalmology Mar57

430. CONSTANTINOVITS M. I. Augenklin., Med. Univ. Budapest. *Trachombehand-
lung mit Erythromycin. Treatment of trachoma with ery-
thromycin KLIN. MBL. AUGENHEILK. 1956, 129/3 (343-348)
Fifty-seven cases of trachoma (stage II: 47, stage II-III: 6, stage III: 2, stage III-IV: 2)
were treated with 1/4% erythromycin ointment locally in the beginning 3 times daily
at the end of the treatment once daily. The average duration of the treatment was
27 days. The microbes (mostly staphylococci and streptococci) disappeared within
3 days, the inclusion bodies within 4 days, in 31 cases papillar hypertrophy was
observed: it began to subside after 14 days. Where the cornea was affected, it
cleared up after 8.5 days of treatment. The effect upon the granula was also satis-
factory. The author concludes that the local erythromycin therapy is as valuable
as the terramycin therapy in the treatment of trachoma. Jablowski - Bristol

C. CONSTANTINOVITS, MILAN

CONSTANTINOVITS, Milan; GUSZICH, Aurel

Intermittent exophthalmos; a surgically cured case. Szemesszet 94
no.4:149-155 Dec 57.

(EXOPHTHALMOS, surg.

Kronlein's operation in intermittent exophthalmos,
follow-up (Hun))

Country : CZECHOSLOVAKIA

G

Category: Organic Chemistry. Natural Compounds and Their Synthetic Analogues

Abs Jour: RZhKhim., No 17, 1959, No. 60984

Author : Constanzas, N.; Kocourek, J

Inst : 2

Title : Glycosides. III. Glycosides of 4-Methylumbelliferone

Orig Pub: Chem. listy, 1958, 52, No 8, 1629-1632

Abstract: A number of new glycosides of 4-methyl-7-oxy-chromone (4-methylumbelliferone) (I) were synthesized. These glycosides, when present in alkaline media, unlike I, can hardly produce any fluorescence, but are suitable for the activity

Card : 1/8

G

Country : CZECHOSLOVAKIA
 Category: Organic Chemistry. Natural Compounds and Their
 Synthetic Analogues

Abs Jour: RZhKhim., No 17, 1959, No. 60984

determination of the glucosidase ferments by a method consisting in the fluorometrical determination of the liberated aglycone of I. The fully acetylated glycosides, β - D - xylose, β - D - galactose, β - cellobiose and β - maltose are synthesized in accordance with the modified Michael's method cited in literature (see Glaser, E.; Mulvek U.; Biochem. Z., 1924, 145, 514; Helferich, D.; Griebel, R, Liebigs Ann. Chem., 1940, 544, 210). It was not possible to apply the Takahashi method (see Takahashi, R.; J. Pharm. Soc. Japan, 1925, 525, 4) possibly because of the liable chromone AS_2O . A mixture containing 0.15 mols

Card : 2/8

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G

Country : CZECHOSLOVAKIA
Category: Organic Chemistry. Natural Compounds and Their Synthetic Analogues.

Abs Jour: RZhKhim., No 17, 1959, No. 60984

chloroform); tetraacetyl- β -D-glucopyranoside, 144^o, -40.0^o; heptaacetyl- β -cellobioside, 203-204^o, -44.1^o (with 5.1; chloroform); heptaacetyl- β -maltoside, 176-177^o, + 26.2^o (with 4.2; chloroform). In an attempt to derive α -D-galactopyranoside (II) from tetraacetyl- α -D-galactopyranosylbromide (III) in the presence of Hg (CN)₂ in accordance with the method described in literature (see Ref. Zhur-Khadiya 1955, No 14, 29019), in the reaction xylol medium, tetraacetyl- β -D-galactopyranosylcyanide (IV) was unexpectedly synthesized. A suspension

Card : 4/8

G-33

Country : CZECHOSLOVAKIA
 Category: Organic Chemistry. Natural Compounds and Their
 Synthetic Analogues.

Abs Jour: RZhKhim., No 17, 1959, No. 60984

of 4.1 gr III and 4 gr I in 30 ml xylene was heated to 65-80°, followed by the addition of 1.26 gr Hg(CN)₂ and after heating for 1 hour to 80-100° by cooling of the reaction mixture in a moderate vacuum, filtering off the undissolved residue which was then freed of the remaining filtrate, containing xylene washing solutions, by washing with ln. NaOH, water and evaporation to dryness. IV was obtained from the residue with the yield of 25%, melting point of 168-169° (from alc.), $[\alpha]_D^{20}$ of +37.2° (with 7.95; chloroform). Tetraacetyl- χ -II was, therefore, synthesized

Card : 5/8

Country : CZECHOSLOVAKIA
 Category: Organic Chemistry. Natural Compounds and Their
 Synthetic Analogues.

G

Abs Jour: RZhKhim., No 17, 1959, No. 60984

by the Helferich's method (see Helferich, B.;
 Schmitz-Hillebrecht, E., Ber., 1933, 66, 378).
 To a suspension of 2 gr pentaacetyl- β -D-galac-
 cose and 3 gr I in 10 ml of xylene were added
 at 135° 0.5 gr $ZnCl_3$, after distilling off
 xylene the melt was heated for 30 minutes in
 vacuum, in order to remove any CH_3COOH generated;
 after the dissolution of the mixture in 25 ml
 $CHCl_3$, and removal of the undissolved residues
 from the filtrate (washed with 1n. NaOH and
 water) tetraacetyl- α -II was separated after
 the usual evaporation and recrystallization.
 Its yield was 13%, melting point 173-174° (from
 alc.), $[\alpha]^{20}_D$ was + 113.9° (with 3.0; chloroform).

Card : 6/8

G-34

Country : CZECHOSLOVAKIA

G

Category: Organic Chemistry. Natural Compounds and Their Synthetic Analogues.

Abs Jour: RZhKhim., No 17, 1959, No. 60984

Free glycosides were obtained by deacetylation with CH_3ONa in absolute CH_3OH . Their purities were confirmed with the aid of descending chromatography on Watman's paper No 4 from the n-butanol- CH_3COOH -water (4:1:5) system, conducted in ultra-violet light. Presented are substance, melting point in $^{\circ}\text{C}$, $[\alpha]_D^{20}$, and Rf. β -D-xylopyranoside, 212-213, -22.4° (with 0.76; pyridine), 80; α -II, 221-222, $+237.0^{\circ}$ (with 0.30; water), 0.69; β -II-, 230 (decomp.), -61.2 (with 0.74; pyridine), 0.62; β -D-glucopyranoside, 211, -89.5° , 0.65; β -cellobioside, 230 (decomp.), -39.6° (with 2.40; pyridine), 0.38; β -maltoside,

Card : 7/8

Country : CZECHOSLOVAKIA
Category: Organic Chemistry. Natural Compounds and Their
Synthetic Analogues.

G

Abs Jour: RZhKhim., No 17, 1959, No. 60984

230 (decomp.), +6.4° (with 7.81; pyridine), 0.34.
For Part II see Ref. Zhur-Khimiya, 1957, No 11,
37744. -- Iiri Vanecek.

Card : 8/8

G-35

COUNTRY : Czechoslovakia G-3
CATEGORY : Organic Chemistry - Natural Compounds and
Their Synthetic Analogues
ABS. JOUR. : RZKhim., No. 24 1959, No. 86702
AUTHOR : Constantzas, N.; Kocourek, J.
INST. :
TITLE : Glucosides of 4-Methylumbelliferone

ORIG. PUB. : Collect. Czechosl. Chem. Commun., 1959, 24,
No 4, 1099-1103
ABSTRACT : See RZKhim, 1959, No 17, 60981.

CARD:

IONESCU-MUSCEL, I., prof. ing.; KELMER, I., lector ing.; COTIGARU, B.,
lector ing.; RUSANOVSKI, Maria, ing.; GHERSIN, E., ing.
CONSTENCIUC, N.

Regarding the pH of the wool washing liquid. Ind text Rum
14 no. 11:532-533 N°63.

CONT, II., prof. (Galati)

Excursion in the Galati region. Natura Geografie 15 no.3:
55-62 My-Je '63.

MURGEANU, G., acad.; CONTESCU, L.; MIHAILESCU, N.

Stratigraphy and sedimentology of the complex of red marls in the basins of the rivers Dimbovita and Ialomita, and problem of the Cretaceous-Paleogene limit. Studii cerc geol '7 no.2:213-239 '62.

PATRULIUS, D.; CONTESCU, L.; BUTAC, A.

Research on the Cretaceous Flysch in the upper valley of the Trotus River and the surroundings of the city of Miercurea Ciuc, Eastern Carpathians. Studii cerc geol 7 no.3/4:409-428 '62. .

Contescu, L.; Murgeanu, G.; Patrulius, D.

The cretaceous Flysch in the Valea Tirlugului, Eastern Carpathian Basin. p.7.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 4, No. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 1, Jan 1960.

Uncl.

CONTESCU, L. ; MIHAILESCU, N. Gh.

Sedimentology of the Aptian deposits of Pietrosita, valley of
the Ialomita River. Studii cerc geol 6 no.3:473-511

1. Comunicare prezentata de academician G. Murgeanu

CONTESCU, Lorin R.

Geological facies and tectonics. Studii cerc geol 8 no.1:
65-78 '63.

1. Comunicare prezentata de academician G. Murgeanu.

CONTESCU, Lorin R.

Attempt to classify the Flysch and the Molasse. Roczn geol Krakow
34 no. 3:425-445 '64.

1. Institute of Geology and Geography of the Rumanian People's
Republic.

BAIES, A.; CONTIU, I.; PETRICA, L.; DANCEA, L.; DIACONESCU, I.

Some observations on a nidus of mycotoxicosis in horses, caused by
Fusarium sporotrichioides in the Banat region. Studii agr Timisoara
8 no.1/2:73-88 '61.

(Fungi in agriculture) (Horses)
(*Fusarium*)

CONTIU, I. (Dr.)

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 10, Oct 1961, pp 63-66.

Data: "Certain Aspects Concerning the Presence of the Clostridium welchi (Cl. perfringens) Germ in Meat Products."

Authors:

CONTIU, I., -Dr.- Regional Veterinary Laboratory (Laboratorul Veterinar Regional), Cluj.

SOFLETEA, I., -Veterinarian-, Regional Veterinary Laboratory, Cluj.

CRISTOLOVEANU, I., -Dr.-, Urban People's Council (Sfatul Popular Oras), Cluj.

VOINICENI, I., -Dr.-, I.R.I.C. -

SURNAME, Given Names

Country: *CONTIU, I. (dr)*
Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 9,
Sep 1961, pp 61-63.

Data: "A Histomoniasis Epizootic in Geese Eradicated with 'Triteon'."

Authors:

CONTIU, I., -Dr.-, Regional Veterinary Laboratory (Laboratorul
Veterinar Regional), Cluj.

RUSU, M., -Dr.-, Regional Veterinary Laboratory, Cluj.

CIOARA, N., -Dr.-, Zootechnical Experimental Station (Statiunea
Experimentală Zootehnică), Bontida, Gherla Raion.

GPO 981643

RUMANIA

BAIES, I., Prof, Dr., BAIES, Angela, Dr, CONTIU, I., Dr, POP, M., Dr, MARCIA, D., Dr, ONET, E., Dr, and RUSU, T., Dr, Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara), Cluj

"Epizootological, Clinical and Therapeutic Prophylactic Studies on Sheep and Pig Listeriosis"

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 3, Mar 66, pp 50-59

Abstract: [Authors' English summary modified] A study of several outbreaks of sheep listeriosis and one of swine listeriosis failed to locate common precipitating factors. Bacteriologic tests of Oestrum ovis larvae collected from 40 sheep in active listeriosis outbreaks and 11 sheep with clinically confirmed cases were all negative. No abortions before or during the outbreaks were observed in sheep, but they did occur in sows. All treatments tried were ineffective for diseased sheep; mass treatment of the healthy animals in a focus with a single large dose of penicillin, moldamin, streptomycin or terramycin, however, immediately stopped the outbreak. Includes one table, 5 figures and 15 references, of which 5 are Rumanian, 8 Russian and 2 French.

1/1

- 109 -

OPREA, C. V., prof.; DRAGAN, I.; CONTREA, A.; MIHOC, Ema

Increase in the productivity of the podzol of the western part of Rumania following fertilization and liming. Studii agr Timisoara 8 no.1/2:17-29 '61.

1. Sectorul de pedologie, Baza Academiei R.P.R. Timisoara. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (Timisoara)(for Oprea).

(Rumania—Podsol) (Fertilizers and manures)
(Liming of soils)

CONTREA, A.; EPURE, I.

Research on the distribution of manganese forms and the iron-
manganese relation in some soil profiles of Geoagiu. Studia
Univ B-B S Chem 8 no.1:331-340 '63

1. Institute of Agriculture, Timisoara.

SAMOILA, Z.A.; GIRDA, T.B.; CONTREA, A.

Experimental results on the transformation of the *Nardus stricta*
L. association by agrotechnical surface measures and radical
remaking. Studii cerc biol veget 15 no.3:401-420 '63.

1. Comunicare prezentata de I. Popescu-Zeletin, membru
corespondent al Academiei R. P. R.

ROMANIA

(2)

TARPO, Elena, Pharmacist; GHEORGHIU, Marcela, Pharmacist; CONTZ, O.,
Pharmacist, Eng.

Institute of State Control of Medicines and Pharmaceutical Research,
Bucharest (Institutul pentru controlul medicamentului si cercetari
farmaceutice, Bucuresti) - (for all)

Bucharest, Farmacia, No 6, Jun 63, pp 375-378

"Contributions on the Study of Preparing Keline from Native Ammi
Visnaga L. fruit."

Contz, O.

ROMANIA

CONTZ, O., Pharmacist, Engr; GHIDONGHIU, Marcela, Pharmacist;
IURACEC, Al., MD.

Institute of State Control of Medicines and Pharmaceutical
Research, Bucharest (Institutul pentru controlul de stat
al medicamentului si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 3, Mar 63, pp 173-179.

"Study of the Dynamics of Alkaloid Accumulation in Aconitum
Calliobotryon Rechb., Aconitum Romanicum Wolf., and Aconitum
Wulf."

(3)

NICOLAU, GH. ST., academician.; TEODORSCU, ST.; BLUMENTAL, M.; MAISLER,
Al.; CONU, A.; NINCU, Al.; VULCAN, F.; FELLNER, M.;
DUMITRESCU, Al.; IVAN, M.

Studies of the role of streptococci in skin pathology. Bul. stiint.,
sect. Med. 7 no:2:513-555 Apr-June 55

(SKIN, diseases
streptoc. infect., bacteriol. & ther.)
(STREPTOCOCCAL INFECTIONS
skin, bacteriol. & ther.)
(ANTIBIOTICS, ther. use
streptoc. infect. of skin)

EXCERPTA MEDICA Sec. 13 Vol. 11/9 Dermatology Sept. 57

2043. CONU A. and BĂDĂNOIU Al. Clin. Dermato-Venerol. I. M. F., București.
* Considerații asupra reticulozei lipo-melanice a lui Pautrier și Woringer,
în legătură cu un caz clinic. Considerations on Pautrier and
Woringer's lipomelanotic reticulosis in connection with a
clinical case DERM.-VENEROL. (București) 1956, 1/2 (157-164) Illus. 3

The authors relate a case of a generalized chronic erythrodermatosis in a patient
aged 62 yr., who showed a polyadenopathy with inguinal predominance. The hae-
matological examination showed no modifications, thus eliminating the possibility
of erythrodermatosis of haematodermal origin. Moreover, the histo-pathology of
the cutaneous lesion exhibited a commonplace inflammatory process, but on the
other hand, microscopic findings on a lymph node from the inguinal region showed
a reticulated hyperplastic reaction. granulations of melanine, fats and in some
places ferric pigment. In connection with this histological aspect described for the
first time by Pautrier and Woringer under the name of 'lipomelanotic reticulosis'
considerations on various angles of this problem are made, e.g. their nosological

2043

classification, clinical aspect, evolution and some pathogenic interpretations.

(XIII, 5, 16)

EXCERPTA MEDICA Sec.13 Vol.12/5 Dermatology, etc. May 58

CONU, A. V.

893. NEW METHODS FOR THE STUDY OF PATHOGENIC STAPHYLOCOCCI FOUND ON THE NORMAL SKIN AND IN CERTAIN TYPES OF DERMATOSIS - Metode noi pentru studiul stafilococilor patogeni de pe pielea normală și din unele dermatoze - Conu A. V. Clin. de Dermato-Venerol. I. M. F., București - DERM.-VENEROL. (București) 1957, 2/4 (334-339)

The author describes two media for the isolation of staphylococci from the normal skin and during certain morbid processes of the skin, namely Ludlem's medium and Chapman's medium. He also describes a rapid and accurate method for the determination of the pathogenicity of staphylococci, namely the method of bacterial plasma coagulation. In connection with these new methods, brief consideration is given to their utility in dermatologic practice, and especially for the study of the so-called eczematiform dermo-epidermitis, in the aetiopathogenesis of which staphylococci seem to play an important part, as is concluded from literature data as well as from personal investigations.

EXCERPTA MEDICA Sec 13 Vol 13/5 Dermatology May 59

1323. TWO CASES OF GENERALIZED MALIGNANT HISTIO-MONOCYTIC
RETICULOSIS - Asupra a două cazuri de reticuloză histio-monocitară
malignă generalizată - Conu A., Pallă Gh. and Dănilă P. P.
Clin. de Dermato-Venerol. I. M. F. București - DERM. VENER. (București)
1958, 3/3 (273-280) illus. 4 (XIII, 5, 16)

CONU, Aurel; PALLA, Gh.; DANILA, P.

On two cases of generalised malignant histiomonocytic reticulosis.
Rumanian M. Rev. 3 no.3:84-85 JI-S '59.
(RETICULOENDOTHELIOSIS, case reports)

TEODORESCU, St., Prof.; CONU, Aurel; DEMETRIU, N.

Cutaneous varicelliform eruptions in a family, due to a collective reactogen (dust of wood harbouring psocidae). Romanian M. Rev. 4 no.1:71-72 Ja-Mar '60.

1. Dermatovenereological Clinic of the Medicopharmaceutical Institute in Bucharest (Director: Prof. St. Teodorescu).
(DERMATITIS VENENATA case reports)
(CHICKENPOX diag.)
(DUST)

CONU, I.; SIMIONOVICI, R.

Determining sulfonamides with hypoglycemic action. p. 107.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, Sept. 1959.
Uncl.

CONU, LULIANA

H-17

RUMANIA / Chemical Technology, Chemical Products and Their Application, Part 3. -
Drugs, Vitamins, Antibiotics.

Abs Jour : Ref Zhur - Khim., No 14, 1958, No 47777

Author : M. Sternberg, B. Benis, A. Solomon, Renee Ghimpu, Luliana Conu, A. Miss,
I. Andronic, Ciocanelea, A. Prialnic, Alice Ilia, Hermia Schreiber.

Title : Dicillin (Dipenicillinate of N,N'-Dibenzylethylenediamine).

Orig Pub : Rev. chin., 1957, 8, No 5, 339 - 341

Abstract : Methods of N,N'-dibenzylethylenediamine dipenicillinate preparation of
crystalline penicillin G or various intermediate phases of its extraction or purifi-
cation are described. Hints concerning the preparation of some galenic forms (tablets
and injection suspensions) and the methods of chemical and microbiological analyses
are presented.

COP, B.

System of wages in sawmills. p. 17. DRVNA INDUSTRIJA. (Glavna
direkcija drvne industrije) Zagreb. Vol. 7, no. 1, Jan. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

GOP, B.

An analysis of the process of sawing oak and beech wood. p. 123.

Periodical: DRVNA INDUSTRIJA.

Vol. 9, no. 9/10, Sept./Oct. 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

COP, D.

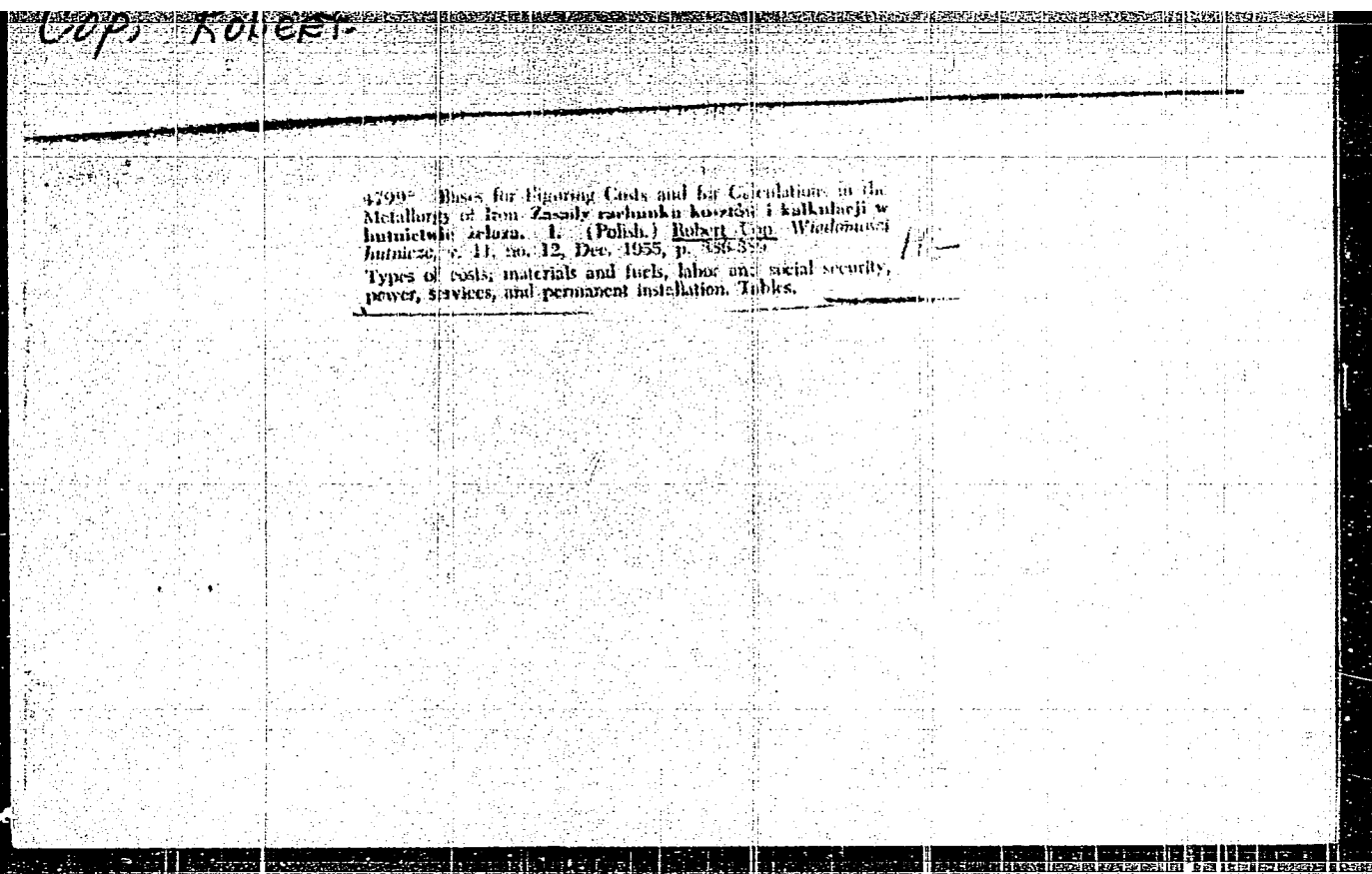
Lambago as an early symptom of Bechterew's disease. p.326. ZELEZNICE.
Beograd. Vol. 11, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 6, June 1956

COP, F.; VETLICKY, B.

"Remarks on J. Houdek and M. Oppelt's 'Treatment of Raw Iron
after Tapping for Recovery of Vanadium.'" p. 610,
(HUTNIKE LISTY, Vol. 9, No. 10, Oct. 1954, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.



CCP, S.

Experiences in measurement of temperatures with a thermoelement in
Martin blast furnaces. p. 49. RUDARSKO-METALURSKI ZBORNIK. (Tehniska visoka
sola v Ljubljana. Fakultet za rudarstvo in metalurgijo) Ljubljana. No. 1,
1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

COPACEANU, P., Dr.; MOTELIHA, V., dr.; NICOLAESCU, N., dr.; ILIESCU, I., dr.

First case of visceral leishmaniasis in an adult in the Romanian
People's Republic. Rev. igiena microb. epidem., Bucur. Vol.3:
88-90 July-Sept 55.

1. Comunicare facuta la Soc. St. Med., filiala Craiova, in sedinta
plenara din.

(LEISHMANIASIS

visceral, first case in adult in Romania.

Q-6

RUMANIA/Farm Animals. Honeybees

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50118

Author : Foti, N., Barac, I., Copaitici, M., Bolcas, A., Alexandru V.,
Tolmacevski A., Peti I.

Inst : -

Title : Experimental Data Regarding Temporary Colonies Organized
with Queens which Hibernated Outside of Winter Quarters

Orig Pub : Apicultura, 1957, No 6, 4-9

Abstract : The method of using auxiliary queens (AQ) during productive years resulted in a 35-130 percent increase of honey being collected in Rumania. In unproductive years, the increase amounted only to 12-18 percent, for a considerable part of honey crops had to be spent for bee colonies for the period of their hibernating with AQ. A new method of hibernating of queens outside of winter-quarters is proposed. During spring, one or more temporary colonies (TC) are organized from a strong basic colony (BC) with queens which hibernated

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78

RUMANIA/Farm Animals. Honeybees

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50118

Q-6

outside of winter quarters. At the onset of winter season, TC are united with BC. An equal number of BC and TC was formed from 58 bee colonies at 3 experimental stations in Rumania in April of 1955. TC were supplied with queens which hibernated outside of winter quarters. For the winter season of 1955/1956 the abovementioned combined colonies weighing 3-5 kg were used; here, the winter bee losses were lower by 140 percent than in control colonies. The feed requirements were lower by 2.5 kg per each kg of bees in test colonies as compared to control colonies. When 2 TC were formed from each BC in another experiment, a total crop of 122.5 kg of honey was obtained (90.4 kg being a commercial quality), while only 24.8 kg of commercial quality honey could be obtained from control bees. In another experiment, involving one of the TC, 62.4 kg of commercial quality honey were collected. --V.A. Kanzyuba

Card : 2/2

Met The action of nicotinic acid on thyroid and hypophyseal changes produced in cabbage goiter of rabbits. I. Năulescu, I. Wasserman, and R. Copal. Acad. rep. populare Române Filiala Iași, Studii cercetări științ. 3, 254-7 (1952). 3

Study was made of the action of nicotinic acid (I) on the morphological changes produced in rabbits kept on an exclusive cabbage diet. Moderate doses (15 mg. per kg. body wt. of I administered subcutaneously daily partially reestablish the normal morphological aspect of the thyroid, dimensions of the follicles, and circulation of the follicles, and of the hypophysis. Increase of the number of capillaries, and of the capillaries. Large doses of I cause the appearance of hyperplasia of the thyroid (great, irregular, and serrated follicles with epithelial proliferations, and a colloid representing vacuoles of resorption) and important changes of the level of the hypophysis (increased proportions of the eosinophils and angiomatous aspect of the vascular network). These effects of I probably are closely associated with the changes produced in the thyroid and hypophysis by the goiterogenic substances in the cabbage and are controlled by the cerebral cortex. Emanuel Mendinzer

COPEK, R.

Changes of behavior after intracerebral administration of bradykinin
Cesk.fysiol. 9 no.3:283-284 My '60.

1. Farmakologicka laborator Chemickeho ustavu, CSAV, Praha.
(KALLIKREIN pharmacol)
(BRAIN pharmacol)
(BEHAVIOR)

Copel P.; Miss, A.

Fast determination of chlorine in chlorinated plastic materials; suggestion
for a standard method. p. 142.

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Romania
Vol. 11, no. 3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC, vol. 8, no. 9, Sept. 1959

Uncl.

COPELLO, Ferdynand, prof. (Wlochy)

Prednisone and perednisolone in therapy of eczema in infants and young children. *Pediat. polska* 33 no.6:687-691 June 1958

1. Z Instytutu Opieki nad Dzieckiem w Imperii Dyrektor: prof. dr med. F. Copello. Adres autora: Italia, IMPERIA, Via Nizza 2, Istituto di Assistenza all'Infanzia.

(ECZEMA, in inf. & child

ther., prednisone & prednisolone (Pol))

(PREDNISONE, ther. use

eczema in inf. (Pol))

(PREDNISOLONE, ther. use

same (Pol))

EXCERPTA MEDICA Sec 8 Vol 12/10 Neurology Oct 59

5326. A STUDY OF THE RELATIONSHIP BETWEEN CEREBRAL PATHOLOGY AND MUSIC - Etudes sur les rapports entre la pathologie du cerveau et la musique - Copelman S. and Copelman L. -S. Bucarest, Roumanie - REV. PATH. GEN. 1958, 58/701 (1357-1362)

A review is given of the several studies published on this subject, and a description is presented of a series of observations in which pathological musical impressions were associated with disturbances of the intelligence. Reference is made to a case of frontal trauma with musical amnesia, a case of mental deficiency with normal development of the musical memory, and to a case of delayed development of the intelligence with exaggerated musical memory. The authors consider the study of normal and pathological musical capacities in connection with the dynamic activity of the cerebral cortex.

Stern - Toulouse

RUMANIA / Virology--Viruses of Man and Animals;
Herpes Viruses

E

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94900

Author : Portocala, R., Velicicov, V., Copelovici, Y.

Inst : ~~XXXX~~ given below.

Title : Cytochemical Investigations During Experimental
Herpes

Orig Pub: Studii si cercetari inframicrobiol., microbiol.
si parazitol., 1957, 8, No 2, 149-154

Abstract: A virus was introduced into rabbits (16) through
the intracerebral tract. Animals were sacrificed
every 12 hours. Sections of the brain were sub-
jected to Mann and Feulgen dyes. A destructive
quantity of DNA (desoxyribonucleic acid) was found

Inst. : Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in
Card 1/2 sedinta din 17 octombrie 1956.

RUMANIA / Virology--Viruses of Man and Animals;
Herpes Viruses

E

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94900

in the first stage of the infection in the cells. The DNA accumulated inside the virus colonies in proportion to the development of the cellular infections. The authors consider that this process is conditioned, on the one hand, by an impairment of the normal cellular metabolism (stimulation of DNA synthesis), and on the other, is a result of the absorption of chromatin substances by the virus in the process of formation of impurities. An analogy is cited between the mechanism of the bacteriophage and the process of virus reproduction during experimental herpes. -- According to the authors' resume.

Card 2/2

21

CAJAL, N.; MATEESCU, S.; COPELOVICI, Y.

Susceptibility of adult mice to the pathogenic action of coxsackie virus following ionizing irradiation (α and β). Acta virol. Engl. Ed., Praha 3(Supplem.):107-112 1959.

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.

(COXSACKIE VIRUS, infect.) (RADIATION EFFECTS, experimental)

COPELOVICI, Y.; CEPIREANU, M.; SAMUEL, J.; CAPRARU, R.

The electrophoretic study of the sera of rats exposed to experimental infection by influenza virus and treated with cortisone.
Stud. cercet inframicrobiol., Bucur. 10 no.2:199-206 '59.

1. Comunicare prezentata la Simpozionul asupra epidemiei de gripa, Bucuresti, 4-5 decembrie 1958.

(INFLUENZA, experimental)

(CORTISONE, pharmacology)

(BLOOD PROTEINS, chemistry)

(HEMAGGLUTINATION, pharmacology)

EXCERPTA MEDICA Sec 4 Vol 12/11 Med. Micro. Nov 59

3774. MANIFEST CLINICAL INFECTION BY COXSACKIE A2 VIRUS IN IRRADIATED ADULT ALBINO MICE - Infecție clinic aparentă cu virus Cocksackie (A₂) la șoarecele alb adult supus iradierii cu raze X - Mateescu S., Cajal N., Copelovici Y. and Căpraru R. -STUD. CERCET. INFRAMICROBIOL. 1959, 9/4 (463-470) Tables 2

Mice were subjected to a single dose of 600 r. of X-rays and then inoculated intracerebrally or i. m. with a suspension of Cocksackie A2 virus containing 200 times the LD₅₀. The same virus suspension was also inoculated in non-irradiated controls. Fatal paralytic disease developed in 66% of the intracerebrally inoculated irradiated mice. Biological tests and examination of controls proved beyond doubt that the Cocksackie virus was the aetiological agent of the paralytic affection. A study of the presence of the virus in tissues (brain, pancreas and muscle) of irradiated and non-irradiated mice showed that the virus persisted longer in the irradiated animals than in the controls. Determinations of virus content of the brain in irradiated and non-irradiated mice also indicated a more active proliferation of the mice in the former. (L, 4)

GRUIA, M.; COPELOVICI, Y.; POPESCU, I.

Isolation of a virus of the ECHO 12 type from a patient of
meningitis with exanthem. Stud. cercet. inframicrobiol., Bucur.
11 no. 1: 107-110 '60.

(MENINGITIS virology)

(EXANTHEMA virology)

COPELOVICI, Y.; GRUIA, M.

Experimental studies on influenza virus strains isolated during the epidemic in February-March in 1959. Stud. cercet. inframicrobiol., Bucur. 11 no.2:301-305 '60.

1. Comunicare prezentata Institutul de inframicrobiologie al Academiei R.P.R.
(INFLUENZA VIRUSES)

GRUIA, M.; COPELOVICI, Y.; ARMASU, V.

Studies on the incidence of hemagglutination-inhibiting antibodies against certain strains of ECHO virus in several groups of people in Bucharest. Stud. cercet. inframicrobiol. Bucur. 11 no.4:579-582 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(VIRUS DISEASES immunology)

GRUIA, M.; COPELOVICI, Y.; CIORANESCU, M.; GROZA, M.; DAMIAN, M.

A comparative study of the complement-fixing and hemagglutination-inhibiting antibodies to ECHO₁₁ and ECHO₁₉ viruses in children's communities. Studii cerc inframicrobiol Special issue-supplement to 12:203-206 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(VIRUSES) (ANTIGENS AND ANTIBODIES)
(BLOOD)

COPELOVICI, Y.; GRUIA, M.; ROSCA, M.

Mumps vaccine prepared from autochthonous strains. Studii cerc
inframicrobiol Special issue-supplement to 12:207-213 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(VACCINES) (MUMPS)

GRUIA, M.; COPELOVICI, Y.; WEINTRAUB, L.; MARC, E.; CIOBANESCU, M.

An epidemic of adenovirosis with exanthema in a closed children's community. Studii cerc inframicrobiol Special issue-supplement to 12:259-263 '61.

1. Institutul de inframicrobiologie al Academiei al Academiei R.P.R.

(ADENOVIRUS INFECTIONS) (EXANTHEMA)

CAJAL, N.; MITROIU, O.; BABA, C.; COPELOVICI, Y.; POPESCU, G.; BARBU, C.

Some methods used in laboratories for the diagnosis of viral epidemic hepatitis. Studii cerc inframicrobiol Special issue-supplement to 12:307-314 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari de inframicrobiologie" (for Cajal).

(HEPATITIS, INFECTIOUS)

GRUIA, M.; COPELOVICI, Y.; WEINTRAUB, L.; MARC, E.; GIOBANESCU, M.

Some aspects of an adenoviral epidemic with exanthema in a closed-
in children's community. Rev. sci. med. 6 no.1/2:49-52 '61.

(ADENOVIRUS INFECTIONS epidemiology)
(EXANTHEMA in inf & childh.)

GRUIA, M.; COPELOVICI, Y.; CIOBANESCU, M.; GROZA, M.; DAMIAN, M.

Comparative study of complement-fixing and hemagglutination-inhibiting antibodies against ECHO-11 and ECHO-19 viruses in a children's community. Rev. sci. med. 6 no.1/2:53-56 '61.

(VIRUS DISEASES immunology) (COMPLEMENT)
(HEMAGGLUTINATION)

COPELOVICI, I.

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Sources: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 327-329.

Data: "Etiological Research on Certain Conditions of a Grippal Nature
that Occurred in Bucharest During the Early Months of 1960."

Authors:

GRUIA, M., -Dr.-

COPELOVICI, I., -Dr.-

LECCA, C., -Technical Assistant.-

POPESCU, I., -Technical Assistant.-

MARINESCU, G.; NAUM, D.; ISAIA, G.; PREDESCU, L.; COPELOVICI, Y.;
CIOBANESCU, M.

Acute obstructive laryngitis during infections with viruses of the
APC group. Stud. cercet. inframicrobiol. 12 no.3:375-380 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.

(LARYNGITIS in inf & childh.) (ADENOVIRUS INFECTIONS case reports)

CAJAL, N.; BURDUCEA, O.; MATEESCU, S.; MARINESCU, G.; CEPLIANU, M.;
COPELOVICI, Y.

Evolution of several experimental virus diseases (Influenza, poliomyelitis, Coxsackie virus disease, rabies, herpes) under the influence of radiophosphorus (P-32) and radioiodine (I-131). Stud. cercet. inframicrobiol. Bucur. 12 no.1:29-37 '61.

1. Comunicare prezentata la cel de-al II-lea Congres al microbiologilor maghiari, Budapesta. ~~22-24.10.61~~
(VIRUS DISEASES experimental) (PHOSPHORUS radioactive)
(IODINE radioactive)

COPELOVICI, Y.; GRUIA, M.; CIOBANESCU, M.; in colaborare cu PETRUSCA, J.;
BORS, A.; EFANOV, A.; HONDOR, C.

Investigations of the immunogenic value of a mumps vaccine prepared
with autochthonous strains. Stud. cercet. inframicrobiol. 13 no.4:
473-480 '62.

(MUMPS VIRUS) (VACCINES) (IMMUNIZATION)

MARINESCU, G.; STARK, M.; MARCOVICI, A.; COPELOVICI, Y.; RADULESCU, A.

Encephalomyelitis caused by a double poliomyelitis and mumps infection. Stud. cercet. inframicrobiol. 14 no.1:23-29 '63.

1. Comunicare prezentata la cel de-al II-lea Simposiun romino-bulgar asupra encefalitelor actule, Sofia.

(ENCEPHALITIS) (MUMPS) (POLIOMYELITIS)

RUMANIA

COPELOVICI, Y. and STRATI, I. of the Institute of Inframicrobiology of the RPR Academy (Institutul de Inframicrobiologie al Academiei RPR).

"Some Data Concerning the Use of Fluorescent Microscopy in the Laboratory Diagnosis of Inframicrobic Diseases."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4, 1963, pp 491-496.

Abstract: Discusses the basic principles of immunofluorescence, the techniques used for the detection of inframicrobic antigens, and the diagnosis of animal viruses by this technique, notably the rabies and distemper viruses. The various factors entering into the immunofluorescent diagnosis of rabies are considered.

Includes 23 references, of which 1 Rumanian, 4 Russian and 18 western.

1/1

COPELOVICI, Y.; STRATI, I.

Some data on the use of fluorescence microscopy in the
laboratory diagnosis of viral diseases. Stud. cercet. infra-
microbiol. 14 no.4:491-496 '63.

(VIRUS DISEASES) (DIAGNOSIS, LABORATORY)
(MICROSCOPY, FLUORESCENCE)

GOPELOVICI, Yolanda; in colaborare cu: PETRUSCA, J.; STRATI, I.;
LANDESMAN, V.

Research on an epidemic of mumps appearing in a group vaccinated against mumps. Stud. cercet. inframicrobiol. 14 no.5: 641-648 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie
al Academiei R.P.R.
(MUMPS) (IMMUNOLOGY)

SORODOC, G.; STRULOVICI, D.; COPELOVICI, Yolanda; SURDAN, C.

Inframicrobiological research on the agent of enzootic broncho-pneumonia in swine (strain G.). II. Primary susceptibility of some cell cultures to infection with the swine enzootic broncho-pneumonia agent adapted to human embryo cell cultures. Stud. cercet. inframicrobiol. 16 no.1:81-84 '65.

SORODOC, G.; SURDAN, C.; STRULOVICI, D.; BURDUCEA, O.; COPELOVICI, Yolanda

Inframicrobiological research on the causal agent of enzootic
bronchopneumonia of swine (strain G). I. The action of some
physical and chemical agents on the causal agent of enzootic
bronchopneumonia in swine (strain G). Studii cercet. infra-
microbiol. 15 no.6:563-567. '64

SURDAN, C.; ATHANASTIU, Pierette; PETRESCU, Al.; BABES, V.; STEGANESCU, Ileana; COPKLOVICI, Yolanda; NICOLAU, St.S; CARAPANCEA, M.

Investigations of the role of rickettsial and para-rickettsial infections in human eye diseases. Stud. cercet. inframicrobiol. 15 no.5:447-454 '64.

LEONESCU, M.; PAVELESCU, M.; in colaborare cu GRUIA, Mignon;
BRANESCU, Lucia; COPELOVICI, Yolanda

The role of ECHO virus 19 in the etiology of several epidemic outbreaks of an acute respiratory nature. Stud. cercet. infra-microbiol. 16 no.3:221-226 '65.

SORODOC, G.; SORODOC, Yolanda; COPELOVICI, Yolanda; SURDAN, C.;
ATHANASIU, Pierrette; STRULOVICI, D.

Inframicrobial studies of the swine enzootic bronchopneumonia agent (strain G). ~~III~~. Plaque formation capacity of the swine enzootic bronchopneumonia agent in human embryonal cell cultures. Stud. cercet. inframicrobiol. 16 no.2:139-143 '65.

RUMANIA

576.8.093.35:576.8.073.4

BALS, M., COPELOVICI, Yolanda, LOTREANU, V., BRATU, M., STRULOVICI, D., and YU PU, Luo, of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

Use of Immunofluorescence to Detect the Appearance and Evolution of Vaccinal Antigen in Cell Cultures."

Buchares, Studii si Cercetari de Inframicrobiologie, Vol 17, No 5, 66, pp 359-363.

Abstract: A direct immunofluorescent technique was used to demonstrate the presence of vaccinal virus in human embryo fibroblastic cells, HeLa cells and KB cells. The fluorescent antigen appeared in HeLa cells 6 hours after infection and in the other two types of cells 8 hours after infection, i.e., earlier than histopathologic changes which appear after 12 to 18 hours. The infectious virus was found 18 hours after inoculation and hemagglutinating properties after 48 hours. Includes 4 figures and 15 references, of which 8 Rumanian, 2 Russian and 5 Western. -- Manuscript submitted 4 June 1966.

1/1

YUGO.

An instrument for the measurement of streaming birefringence. M. Čopić. *Slovenian Acad. Sci. and Arts*. "I. Stevan" *vestnik*. 1963, 1, 57-64 (1963) (in English).—

The instrument is based on the principle of the Savoy-Herzig method. It is a simple and inexpensive device for the measurement of the streaming birefringence of the glass windows. It is used for the measurement of the streaming birefringence of nitrobenzene and to check the literature value. The molecular weight of the substance was determined by the method of the refractive index.

expected consequences. The polydispersity of samples may have been responsible. Herbol Markovita.

✓ Shape dependence of the optical anisotropy of long-chain molecules. M. Čopić (J. Stefan Inst. Phys., Ljubljana, Yugo.). *Bull. Acad. Sci. Serb. Acad. RFF. Yugoslav. I*, 1984-4 (1985) (in English).—The optical anisotropy of a long-chain mol. is calcd. by the statistical method applied to a pearl-necklace model. The distribution function of the segmental distances is detd. as a function of the end-to-end distance, A , and the av. induced dipole of a segment is calcd. in the anisotropic internal field of the chain. The anisotropy of polarizability of the chain along and orthogonal to A is given by $\gamma_{\parallel} - \gamma_{\perp} = (81/16\pi^2) (M/Q)^2 (P - (1/R^2) n_s^2 ((n^2 - n_s^2)/(n^2 + 2n_s^2))^{1/2} h/R) + 13/64 n_s^2 - n_s^2$

~~Handwritten~~ COPIE, M.

16. Intrinsic viscosity as a function of the velocity gradient.
 11. Milan Čopić (Phys. Inst. Ljubljana, Yugoslavia).
~~Chem. Phys. 53, 401 (1968)~~ The intrinsic vis-
 cosities without internal velocity was calculated for the
 helix model, consideration being given to the tensorial
 nature of hydrodynamic interactions. The influence of
 solvent was also considered. The results were applied to
 systems polystyrene in methyl ethyl ketone and polyisobutylene

Copic, M
YUGOSLAVIA/Laboratory Equipment, Instruments, Their Theory,
Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24949

Author : Peterlin, A., Copic, M.

Inst : Yugoslav Academy.

Title : A Double Capillary Viscosimeter.

Orig Pub : Bull. scient. Conseil acad. RPFY, 1956, 3, No 2, 41-42

Abstract : Description of an apparatus for measuring dynamic viscosity, in which is eliminated the measurement of effective pressure $P(\text{eff.})$, which constitutes, according to the authors, the principal cause of experimental error in determination of gradient of true viscosity by means of the conventional capillary apparatus. The apparatus described consists of two identical viscosimeters, one of which is filled with the solution, and the other with

Card 1/2